IN THE CLAIMS

1. (Currently Amended) A method for producing an output report comprising:

identifying a page template indicative of an output report having passive content, the passive content being static;

parsing tokens from the page template, the tokens indicative of dynamic content, the dynamic content adapted to provide at least a portion of the output report;

for each token, generating the dynamic content, said generating further comprising fetching output data and processing display data, the output data operable to be retrieved from a dynamic repository and the display data operable to indicate organization of the fetched output data; and

building the output report by assembling the generated dynamic content for each token in the page template, the dynamic content further comprising java server pages referencing metalanguage representations of at least portions of other java server pages corresponding to the same rendered output report.

2. (Currently Amended) The method of claim 1 further comprising receiving a user request for an HTML page, wherein said building further comprises rendering the HTML page responsive to the user request.

3. (Canceled)

4. (Currently Amended) The method of claim 1 wherein said buildingproducing the output report further comprises

receiving an HTTP request on behalf of a user, the HTTP request indicative of an HTML response;

determining the page template corresponding to the requested HTML response;

generating, in a rendering engine, a JSP output page from the identified page template; and

transmitting the generated JSP output page to the user as an HTML page.

5. (Previously Presented) The method of claim 1 wherein the display data is formatted according to a predetermined syntax, the predetermined syntax operable for parsing and verification of the display data.

6. (Currently Amended) The method of claim 5 wherein the predetermined syntax is a different syntax than the template and said generating further comprises interpreting the display data from the predetermined syntax into the syntax defining the template.

7. (Currently Amended) The method of claim 5 wherein the predetermined syntax includes syntactical elements, and is further operable for nesting the syntactical elements, the nested syntactical elements defining a hierarchical structure.

8. (Previously Presented) The method of claim 5 wherein the dynamic content is active content and the predetermined syntax conforms to XML, in which the syntactical elements further comprise XML tags.

9. (Previously Presented) The method of claim 8 wherein the predetermined syntax is a page descriptor syntax defined by an XML schema.

10. (Previously Presented) The method of claim 1 wherein the tokens are metadata tokens, further comprising:

    parsing the metadata tokens from the page template, each of the metadata tokens indicative of dynamic content;

    retrieving, from a metadata repository, metadata components corresponding to the metadata tokens and operable to provide the dynamic content corresponding to the parsed metadata token;

    retrieving, based on the metadata components, the display data and the output data from a repository, the display data and output data corresponding to the dynamic content for rendering on the output report;

processing the metadata components using the retrieved display data and output data to generate the dynamic content corresponding to the parsed metadata token; and inserting the dynamic content in the output report by replacing the metadata token.

11. (Previously Presented) The method of claim 10 wherein the metadata components further comprise page descriptors, the page descriptors conforming to a declarative syntax and indicative of the dynamic content.

12. (Currently Amended) The method of claim 10 wherein parsing further comprises identifying a javabean component operable to process the metadata token, the method further comprising:

retrieving the metadata component by the javabean component; and

processing the metadata component by the javabean component.

13. (Currently Amended) The method of claim 12 wherein the metadata components are XML files including at least one page descriptor according to a̲the predetermined syntax, and said processing further comprises retrieving the at least one page descriptors by the javabean components and producing HTML code corresponding to the page descriptors.

14. (Currently Amended) The method of claim 1 wherein the display data further comprises user specific views, the user specific views indicative of formatting and display preference specific to a particular user and operable for interpretation by syntax processing components to render the display data according to the user specific view s̲.

15. (Currently Amended) A data processing device responsive to encoded set of processor based instructions, the instructions encoded in a memory of the data processing device for producing an output report comprising:

a web server operable to identify a page template indicative of an output report having passive content, the passive content being static;

a parser operable to parse tokens from the page template, the tokens indicative of dynamic content, the dynamic content adapted to provide at least a portion of the output report;

a syntax processor operable to, for each token, generate the dynamic content, said generating further comprising fetching output data and processing display data, the output data operable to be retrieved from a dynamic repository and the display data operable to indicate organization of the fetched output data, the syntax processor further operable to process display data formatted according to a predetermined syntax, the predetermined syntax operable for parsing and verification of the display data,

the predetermined syntax being a different syntax than the template and said generating further comprising interpreting the display data from the predetermined syntax into the syntax defining the template,

wherein the predetermined syntax includes syntactical elements, and is further operable for nesting the syntactical elements, the nested syntactical elements defining a hierarchical structure; and

a formatter operable to build the output report by assembling the generated dynamic content for each token in the page template, the dynamic content further comprising java server pages referencing metalanguage representations of at least portions of other java server pages corresponding to the same rendered output report.

16. (Currently Amended) The data processing device of claim 15 wherein the web server further comprises an interface operable to receive a user request for an HTML page, wherein said building further comprises rendering the HTML page responsive to the user request.

17. (Previously Presented) The data processing device of claim 15 wherein the dynamic content further comprises java server pages referencing metalanguage representations of at least portions of other java server pages corresponding to the same rendered output report.

18. (Currently Amended) The data processing device of claim ~~15~~ 1 wherein the ~~formatter~~rendering engine is further operable to produce the output report by:

receiving an HTTP request on behalf of a user, the HTTP request indicative of an HTML response;

determining the page template corresponding to the requested HTML response;

generating, in a rendering engine, a JSP output page from the identified page template; and

transmitting the generated JSP output page to the user as an HTML page.

Claims 19-21. (Canceled)

22. (Previously Presented) The data processing device of claim 15 wherein the dynamic content is active content and the predetermined syntax conforms to XML, in which the syntactical elements further comprise XML tags.

23. (Previously Presented) The data processing device of claim 15 wherein the predetermined syntax is a page descriptor syntax defined by an XML schema.

24. (Previously Presented) The data processing device of claim 15 wherein the parser is further operable to parse metadata tokens from the page template, each of the metadata tokens indicative of dynamic content, and the syntax processor is operable to:

retrieve, from a metadata repository, metadata components corresponding to the metadata tokens and operable to provide the dynamic content corresponding to the parsed metadata token, the syntax processor further operable to:

retrieve, based on the metadata components, the display data and the output data from a repository, the display data and output data corresponding to the dynamic content for rendering on the output report;

process the metadata components using the retrieved display data and output data to generate the dynamic content corresponding to the parsed metadata token; and

insert the dynamic content in the output report by replacing the metadata token.

25. (Currently Amended) The data processing device of claim 24~~15~~ wherein the metadata components further comprise page descriptors, the page descriptors conforming to a declarative syntax and indicative of the dynamic content.

26. (Currently Amended) The data processing device of claim 24~~15~~ wherein the parser is further operable to identify~~ing~~ a javabean component operable to process the metadata token, and the syntax processor is operable to invoke the~~a~~ javabean component for retrieving and processing the metadata component.

27. (Currently Amended) The data processing device of claim 26 wherein the metadata components are XML files including at least one page descriptor according to a~~the~~ predetermined syntax, and the syntax processor is further operable to retrieve~~ing~~ the page descriptors via the javabean components and produce HTML code corresponding to the page descriptors.

28. (Currently Amended) The data processing device of claim 15 wherein the display data further comprises user specific views, the user specific views indicative of formatting and display preference specific to a particular user and operable for interpretation by syntax processing components to render the display data according to the user specific view~~s~~.

29. (Currently Amended) A computer program product having a computer readable medium storing~~operable to store~~ computer program logic embodied in computer program code encoded thereon for producing an output report comprising:

computer program code for identifying a page template indicative of an output report having passive content, the passive content being static;

computer program code for parsing tokens from the page template, the tokens indicative of dynamic content, the dynamic content adapted to provide at least a portion of the output report;

computer program code operable for generating, for each parsed token, the dynamic content, said generating further comprising fetching output data and processing the display data, the display data formatted according to a predetermined syntax, the predetermined syntax operable for parsing and verification of the display data, the output data operable to be retrieved from a dynamic repository and display data operable to indicate organization of the fetched output data, the dynamic content further comprising java server pages referencing metalanguage representations of at least portions of other java server pages corresponding to the same rendered output report; and

computer program code for building the output report by assembling the generated dynamic content for each token in the page template, wherein the predetermined syntax comprises javabean components operable to interpret the predetermined syntax into the syntax of the output page, further comprising

invoking the javabean components for each of the metadata components to perform processing using the retrieved display data 58 and the output data; and generating the dynamic content corresponding to each of the parsed metadata tokens.

30. (Currently Amended) An encoded set of processor based instructions computer data signal having program code in an executable form, the processor responsive to the program code for producing an output report comprising:

program code for identifying a page template indicative of an output report having passive content, the passive content being static;

program code for parsing tokens from the page template, the tokens indicative of dynamic content, the dynamic content adapted to provide at least a portion of the output report; the dynamic content further comprising java server pages referencing metalanguage representations of at least portions of other java server pages corresponding to the same rendered output report;

program code for generating, for each token, the dynamic content, <u>said</u> generating further comprising fetching output data and processing display data, <u>the</u> <u>display data formatted according to a predetermined syntax, the predetermined syntax</u> <u>operable for parsing and verification of the display data, the predetermined syntax being</u> <u>a different syntax than the template and generating further comprising interpreting the</u> <u>display data from the predetermined syntax into the syntax defining the template,</u>

<u>wherein the predetermined syntax includes syntactical elements, and is further</u> <u>operable for nesting the syntactical elements, the nested syntactical elements defining a</u> <u>hierarchical structure,</u>

the output data operable to be retrieved from a dynamic repository and <u>the</u> display data operable to indicate organization of the fetched output data; and

program code for building the output report by assembling the generated dynamic content for each token in the page template<u>, the dynamic content further</u> <u>comprising java server pages referencing metalanguage representations of at least</u> <u>portions of other java server pages corresponding to the same rendered output report</u>.

31. (Currently Amended) A~~n~~ <u>processor based</u> information processing device <u>responsive</u> <u>to encoded set of processor based instructions encoded in a memory of the information</u> <u>processing device</u> for producing an output report comprising:

means for identifying a page template indicative of an output report having passive content, the passive content being static;

means for parsing tokens from the page template, the tokens indicative of dynamic content, the dynamic content adapted to provide at least a portion of the output report<u>, the dynamic content further comprising java server pages referencing</u> <u>metalanguage representations of at least portions of other java server pages</u> <u>corresponding to the same rendered output report</u>;

means for generating, for each token, the dynamic content, <u>said</u> generating further comprising fetching output data and processing display data, <u>the display data</u> <u>formatted according to a predetermined syntax, the predetermined syntax operable for</u> <u>parsing and verification of the display data, the predetermined syntax being a different</u>

syntax than the template and generating further comprising interpreting the display data from the predetermined syntax into the syntax defining the template,

wherein the predetermined syntax includes syntactical elements, and is further operable for nesting the syntactical elements, the nested syntactical elements defining a hierarchical structure, the output data operable to be retrieved from a dynamic repository and the display data operable to indicate organization of the fetched output data; and

means for building the output report by assembling the generated dynamic content for each token in the page template, the dynamic content further comprising java server pages referencing metalanguage representations of at least portions of other java server pages corresponding to the same rendered output report, the predetermined syntax comprising javabean components operable to interpret the predetermined syntax into the syntax of the output page, wherein the means for generating further comprises:

means for invoking the javabean components for each of the metadata components to perform processing using the retrieved display data 58 and the output data; and

means for generating the dynamic content corresponding to each of the parsed metadata tokens.

32.   (New) The data processing device of claim 15 wherein the predetermined syntax comprises javabean components operable to interpret the predetermined syntax into the syntax of the output page, wherein the syntax processor:

invokes the javabean components for each of the metadata components to perform processing using the retrieved display data 58 and the output data; and

generates the dynamic content corresponding to each of the parsed metadata tokens,

33.   (New) The data processing device of claim 32 wherein the syntax processor is further operable to invoke the javabeans to interpret the predetermined XML compliant syntax of the metadata components for display on a user device.

34.   (New) The data processing device of claim 15 wherein the predetermined syntax comprises javabean components operable to interpret the predetermined syntax into the syntax of the output page, wherein the syntax processor:

invokes the javabean components for each of the metadata components to perform processing using the retrieved display data 58 and the output data; and

generates the dynamic content corresponding to each of the parsed metadata tokens.

35.   (New) The data processing device of claim 34 wherein the syntax processor is further operable to invoke the javabeans to interpret the predetermined XML compliant syntax of the metadata components for display on a user device.

36.   (New) The method of claim 1 wherein the predetermined syntax comprises javabean components operable to interpret the predetermined syntax into the syntax of the output page, further comprising

invoking the javabean components for each of the metadata components to perform processing using the retrieved display data and the output data; and

generating the dynamic content corresponding to each of the parsed metadata tokens.

37.   (New) The data processing device of claim 36 further comprising invoking the javabeans to interpret the predetermined XML compliant syntax of the metadata components for display on a user device.